Atty Docket No.: 251475US3DIV Inventors: Kousaku MATSUNO, et al.

Preliminary Amendment

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (canceled)

Claim 2 (currently amended): A substrate treatment process for removing organic

matter existing on a substrate, which comprises the following step comprising:

treating said substrate with ozone-hydrogen water, which has been prepared by

dissolving an ozone-containing gas and a hydrogen-containing gas in ultrapure water, or

[[with]] ozone hydrogen water prepared by mixing ozone water, which was in turn prepared

by dissolving an ozone-containing gas in ultrapure water[[,]] and hydrogen water which was

in turn prepared by dissolving a hydrogen-containing gas in ultrapure water[[;]], or treating

said substrate with said ozone water and said hydrogen water at the same time.

Claims 3-20 (canceled)

Claim 21 (currently amended): A substrate treatment apparatus for a substrate,

comprising:

a treatment vessel[[,]];

a substrate holder for rotating configured to rotate said substrate in a horizontal plane

in said treatment vessel[[,]];

a nozzle unit arranged in an upper part of said treatment vessel such that a liquid is

downwardly fed[[,]];

a feed line for feeding configured to feed the liquid to said nozzle unit[[,]]; and

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a chamber enclosing configured to enclose therein said apparatus in its entirety[[;]],

wherein said nozzle unit is constructed in a form of a bar such that as viewed in plan,

the liquid ejected from said nozzle unit reaches, with an area range having a length not

smaller than a diameter of said substrate and a width smaller than said diameter of said

substrate, said substrate.

Claim 22 (original): A substrate treatment apparatus according to claim 21, further

comprising an ultrasonic wave generator arranged in said nozzle unit.

Claim 23 (currently amended): A substrate treatment apparatus according to claim

22, wherein said nozzle unit is provided with at least one flow channel for ozone water, at

least one flow channel for hydrogen water or at least one flow channel for ozone-hydrogen

water[[;]], and said flow channel is shielded from ultrasonic waves.

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